

Assessment Specifications

Level 1 Physics, Earth and Space Science 2027

Published in October 2026

General information

Domain:	Science
Standards:	92046, 92047
Assessment method:	Examination, end of year
Assessment medium:	Printed paper

[Link to the Subject page](#)

[National secondary examinations timetable](#)

Equipment required

Candidates may use [approved calculator](#).

Special assessment conditions

Refer to the NZQA website for further information:

[Aromatawai special assessment conditions](#)

Specific information for individual achievement standards

Standard:	92046
Title:	Demonstrate understanding of the effect on the Earth of interactions between the Sun and the Earth-Moon system
Version:	3
Number of credits:	5
Assessment medium:	Printed paper

Candidates will be required to answer three questions that demonstrate their understanding of the effect on the Earth of interactions between the Sun and the Earth-Moon system.

Candidates are required to provide evidence for each question using the information provided in the resources, along with their own knowledge. Candidates are expected to explain their answers. Annotated diagrams and illustrations may be used.

Standard:	92047
Title:	Demonstrate understanding of a physical system using energy concepts
Version:	3
Number of credits:	5
Assessment medium:	Printed paper

Candidates will be required to demonstrate their understanding of energy in a physical system linked to the energy concepts involved, and the implications for energy concepts.

There will be three questions with a focus on mechanical energy, thermal energy, and electrical energy. Responses will need to be descriptive and be supported by representations, annotated diagrams, graphs, and calculations.

The examination paper will contain all necessary mathematical formulae (see Explanatory Note 3 of AS 92047).